

Converting Colors

YIQ(101.2570, 18.7500, 12.6220)

Have a look what the booklet for
YIQ(101.2570, 18.7500, 12.6220)
contains.

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Color

**YIQ(101.2570, 18.7500,
12.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5866
RGB	127, 88, 102
RGB Percent	50%, 35%, 40%
CMY	0.5019, 0.6550, 0.5999
CMYK	0.00, 0.31, 0.20, 0.50
HSL	338°, 18%, 42%
HSV	338°, 31%, 50%
XYZ	14.6437, 12.4504, 14.2059
YIQ	101.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

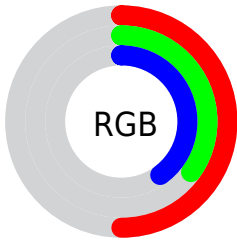
Format	Color
R_{YB}	127, 88, 102
Decimal	8345702
CIE _{Lab}	41.92, 18.38, -1.57
CIE _{LCh}	42, 18.443, 355.116
Yxy	12.4504, 0.3546, 0.3015
Android (android.graphics.Color)	4286535782 (0xFF7F5866)
YUV	101.2570, 0.3663, 22.5766
Hunter-Lab	35.2851, 12.3304, 0.8292

Details

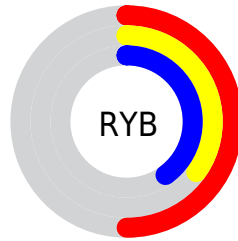
The YIQ color **101.2570, 18.7500, 12.6220** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.7430, -18.7500, -12.6220**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2680, 20.2170, 13.5690**, and **53.9470, 16.6870, 11.4630** is the 20% darker color. If you saturate the color by 10%, you get **92.7140, 24.8930, 16.9330**, and if you desaturate by 10%, it is **109.8000, 12.6070, 8.3110**.

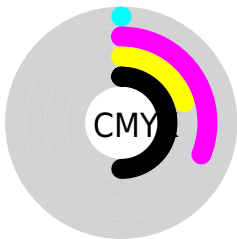
Distribution



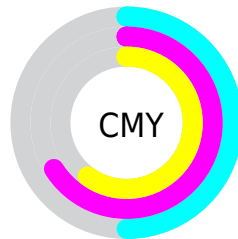
- Red (50%)
- Green (35%)
- Blue (40%)



- Red (50%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.2570, 18.7500, 12.6220 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 101.2570, 18.7500, 12.6220 by changing the saturation by 10% instead.

■ 101.2570, 18.7500,
12.6220

■ 101.2570, 18.7500,
12.6220

■ 255.0000, -0.0000,
-0.0000

■ 76.9580, 18.1540,
12.4100

■ 152.2680, 20.2170,
13.5690

■ 53.9470, 16.6870,
11.4630

■ 179.5670, 20.8130,
13.7810

■ 31.4630, 15.1740,
11.3500

■ 207.1650, 22.0050,
14.2050

■ 11.5340, 16.4120,
10.9400

■ 232.1750, 16.0450,
12.0850

■ 0.0000, 0.0000,
0.0000

■ 250.8910, 1.9250,
3.6610

■ 101.2570, 18.7500,
12.6220

■ 101.2570, 18.7500,
12.6220

■ 92.7140, 24.8930,
16.9330

■ 109.8000, 12.6070,
8.3110

■ 84.7580, 30.7610,
20.7210

■ 117.7560, 6.7390,
4.5230

■ 76.2150, 36.9040,
25.0320

■ 126.2990, 0.5960,
0.2120

■ 67.5580, 43.3680,
29.0320

■ 134.9560, -5.8680,
-3.7880

■ 59.0150, 49.5110,
33.3430

■ 143.4990,
-12.0110, -8.0990

■ 51.0590, 55.3790,
37.1310


■ 151.4550,
-17.8790, -11.8870

■ 43.2170, 60.9260,
41.2300

■ 159.9980,
-24.0220, -16.1980

■ 168.5410,

-30.1650, -20.5090

 176.4970,
-36.0330, -24.2970

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101.3250, 6.8750, 13.0750



101.2570, 18.7500, 12.6220



100.4440, 25.3530, 8.5930

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



101.2570, 18.7500, 12.6220



96.6720, 6.3750, -10.9130



92.9990, -33.7900, -4.3660

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



101.2570, 18.7500, 12.6220



113.7430, -18.7500, -12.6220

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3100, -33.4680, -10.2040



101.2570, 18.7500, 12.6220



94.4900, -7.7920, -12.9760

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



101.2570, 18.7500, 12.6220



98.2930, 17.9280, -5.5280



92.5900, -22.6930, -12.7490



96.7170, -23.8880, 3.4080

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



101.2570, 18.7500, 12.6220



100.2820, 25.6290, 3.5890



92.5900, -22.6930, -12.7490



92.0480, -35.4860, -6.6700

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



101.2570, 18.7500, 12.6220



156.0550, 7.3350, 4.7350



99.9210, 2.3810, 17.4290



78.0330, 4.4010, 2.8410



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



101.2570, 18.7500, 12.6220



125.0460, 29.8900, 19.9860



102.5960, 21.8690, 5.6530



59.4350, 3.2090, 2.4170



43.5160, 61.5220, 41.4420



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



101.2570, 18.7500, 12.6220



125.0460, 29.8900, 19.9860



112.4040, -21.8690, -5.6530



59.4350, 3.2090, 2.4170



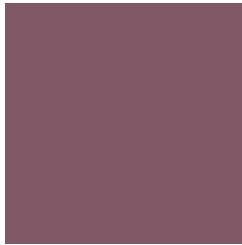
43.5160, 61.5220, 41.4420



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 101.2570, 18.7500, 12.6220 looks on a white background.

Color Contrast Check

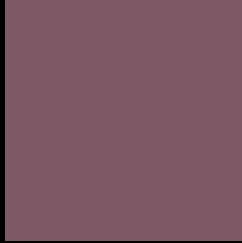
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 101.2570, 18.7500, 12.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 101.2570, 18.7500, 12.6220

Background



This preview shows how black text looks on a background with the YIQ color 101.2570, 18.7500, 12.6220.



This preview shows how white text looks on a background with the YIQ color 101.2570, 18.7500,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

101.2570, 18.7500, 12.6220

Protanopia

99.7270, -3.4850, 2.5870

Deuteranopia

100.1580, 5.5470, 4.0990



Tritanopia

100.8610, 19.8050, 10.0210

Trichromacy



Original Color

101.2570, 18.7500, 12.6220

Protanomaly

100.4400, 4.8130, 6.3890

Deuteranomaly

100.4900, 10.5440, 7.1520

Tritanomaly

101.0890, 19.1630, 10.6430

Monochromacy



Original Color

101.2570, 18.7500, 12.6220

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.7560, 6.7390, 4.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2570, 18.7500, 12.6220 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 88, 102)` looks like.

```
.text, #text, p{  
    color:rgb(127, 88, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 88, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 88, 102) }
```

Border

The CSS property to change the border of an element to YIQ 101.2570, 18.7500, 12.6220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 88, 102) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(127, 88, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(127, 88, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 88, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 88, 102);  
box-shadow:4px 4px 4px 4px rgb(127, 88,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2570, 18.7500, 12.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 88, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127, 88,  
102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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